

Lesson 8: Coordinate Geometry

Practice, page 125

1. Check students' drawings; square
2. $D(5, 5)$, $E(8, 6)$, $F(9, 3)$, $G(6, 2)$

Practice, pages 127 and 128

1. parallelogram
2. trapezoid
3. rectangle
4. $(4, 2)$
5. $(4, 8)$
6. $(6, 3)$ or $(6, 7)$
7. $(8, 9)$

Practice, pages 131 and 132

1. $(-3, 9)$
2. $(8, 1)$
3. $(5, -10)$
4. $(-1, -8)$
5. $(3, 2)$
6. $A'(-3, -5)$, $B'(-3, -1)$, $C'(1, -1)$,
 $D'(1, -5)$
7. $(x', y') = (x + 2, y - 3)$
8. B
9. D
10. B

Practice, page 133

1. E
2. $\triangle BFG$, $\triangle BCG$, $\triangle DCG$
3. \overline{BC} , 3 units
4. A

EOG Practice, pages 135 and 136

1. B
2. A
3. B
4. D
5. D
6. C
7. D
8. D